



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/785,981

DATE: 07/30/2004

TIME: 12:55:56

Input Set : A:\2004-07-26 3884-0120P.ST25.txt

Output Set: N:\CRF4\07302004\J785981.raw

3 <110> APPLICANT: GYEONGSANGNAM-DO
 4 Chulwook, KIM
 6 <120> TITLE OF INVENTION: SCREENING EXPRESSION PROFILE OF GROWTH SPECIFIC GENES IN
 SWINE

7 AND FUNCTIONAL CDNA CHIP PREPARED BY USING THE SAME

9 <130> FILE REFERENCE: 3884-0120P
 11 <140> CURRENT APPLICATION NUMBER: US 10/785,981

C--> 12 <141> CURRENT FILING DATE: 2004-06-26

14 <150> PRIOR APPLICATION NUMBER: KR 2003-83653

15 <151> PRIOR FILING DATE: 2003-11-24

17 <160> NUMBER OF SEQ ID NOS: 5

19 <170> SOFTWARE: PatentIn version 3.2

21 <210> SEQ ID NO: 1

22 <211> LENGTH: 660

23 <212> TYPE: DNA

24 <213> ORGANISM: Kagoshima Berkshire

26 <400> SEQUENCE: 1

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29 aacatgatta caggcacatc ccaggctgac tggctgtcc tgattgttgc tgctgggtt	120
31 ggtgaatttg aagctggat ctccaagaac gggcagacccc gcgagcatgc tcttctggct	180
33 tacaccctgg gtgtgaaaca gctgattgtt ggtgtcaaca aaatggattt caccgagcca	240
35 ccatacagtc agaagagata cgagggaaatc gttaaaggaag tcagcaccta cattaagaaa	300
37 attggctaca accctgacac agtagcattt gtgcaattt ctggttggaa tggtgacaac	360
39 atgctggagc caagtgtcaa tatgccttgg ttcaaggat gggaaagtccac ccgcaaaagat	420
41 ggcagtgcac gtggcaccac gctgctggaa gctttggatt gtatcctacc accaactcg	480
43 ccaactgaca agcctctgcg actgcccctc caggatgtct ataaaattgg aggcattggc	540
45 actgtccctg tgggcccggagt ggagactgg tttctcaaac ctggcatggt gtttacctt	600
47 gctccagtca atgtaacaac tgaagtcaag tctgtgaaa tgccaccatga agctttgagt	660
50 <210> SEQ ID NO: 2	
51 <211> LENGTH: 530	
52 <212> TYPE: DNA	
53 <213> ORGANISM: Kagoshima Berkshire	
55 <400> SEQUENCE: 2	
56 gctgactgat cgggagaatc agtctatctt aatcaccgga gaatccgggg cagggaaagac	60
58 tgtgaacacg aagcgtgtca tccagttactt tgccacaatc gccgtcaactg gggagaagaa	120
60 gaaggaggaa cctactcctg gcaaaaatgca ggggactctg gaagatcaga tcattcgtgc	180
62 caacccctgt ctcgaggcct ttggcaacgc caagaccgtg aggaacgaca actcctctcg	240
64 ctttggtaaa ttcatcagga tccacttcgg taccactggg aagctggctt ctgctgacat	300
66 cggaaacatat cttcttagaga agtctagagt cactttccag ctaaaggcag aaagaagcta	360
68 ccacatttt tatcagatca tgtctaacaa gaagccagag ctcatggaaa tgctcctgat	420
70 caccaccaac ccatatgact acgccttcgt cagtcaggg gagatcactg tccccagcat	480
72 tggatgacca gaggagctga tggccacaga tagtgcatt gaaatcctgg	530
75 <210> SEQ ID NO: 3	
76 <211> LENGTH: 589	

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77 <212> TYPE: DNA
 78 <213> ORGANISM: Kagoshima Berkshire
 80 <400> SEQUENCE: 3
 81 gttttccctt taaatatgtat gttgccacaa gctgcattgg agactcattt cagtaatatt 60
 83 tccaatgtgc cacctacaag agagatactt caagtcttc ttactgtatgtt acacatgaag 120
 85 gaagtaattt cgcagttcat tggatgtccctg agttagcag tcaagaaaacg tggcttgcgt 180
 87 ttacccatggg atgaaaacctt gacagcaat gaagtttga aaacgtgtga taggaaagca 240
 89 aatgttgc aaatgttttc tgggggcatt gattccatgg ttatttgcac ctttgctgac 300
 91 cgtcatattt ctttagatga accaatttgcat cttcttaatg tagcttcat agtgcgaa 360
 93 aagaccatgc caactaccctt taacagagaa gggaaataac agaaaaataa atgtgcgaa 420
 95 ctttcagaag aattctctaa agatgttgc gctgtgtgc ctgcacgtcc taataaaacat 480
 97 tcagtgttacc agatcgaatc acaggaaaggg cgggactaaa ggaactacaa gctgttagct 540
 99 gatgaccaag aggagctgtat ggcacacatg agtgcatttgc aaatccctgg 589
 102 <210> SEQ ID NO: 4
 103 <211> LENGTH: 469
 104 <212> TYPE: DNA
 105 <213> ORGANISM: Kagoshima Berkshire
 107 <400> SEQUENCE: 4
 108 catttatgag ggctacgcgc tgccgcacgc catcatgcgc ctggacctgg cggggccgcga 60
 110 tctcaccgcac tacctgtatga agatcctcac tgagcgtggc tactccttctt gaccacagct 120
 112 gagcgcgaga tcgtgcgcga catcaaggag aagctgtgc acgtggccctt ggacttcgag 180
 114 aacgagatgg cgacggccgc ctctctcc tccctggaaa agagctacga gctgcoagac 240
 116 gggcaggta tcaccatcg caacgagcgc ttccgcgtcc cggagacgctt cttccagccc 300
 118 tccttcatcg gtatggagtc ggcgggcattt caccgagatca cctacaacag catcatgcgaa 360
 120 tgtgacatcg acatcaggaa ggacctgtat gccaacaacg tcatgtcggtt gggcaccact 420
 122 gatgaccaag aggagctgtat ggcacacatg agtgcatttgc aaatccctgg 469
 125 <210> SEQ ID NO: 5
 126 <211> LENGTH: 507
 127 <212> TYPE: DNA
 128 <213> ORGANISM: Kagoshima Berkshire
 130 <400> SEQUENCE: 5
 131 tatatacgtat cgaatcacgtt acactggcc tgaccaagca gggccaaaac aaggcaacat 60
 133 agggagttat aaaataggtt tacgcgcgtt gacacatata tactactac ccgaacgcgg 120
 135 ggacaacttgg ggctccgcac taagccatcc ttccctggc gtcgtatgtt cgggctgcag 180
 137 ttatagggtt gccaacccgc atacacacat taccagccac ttatataatgtt acatccacga 240
 139 gggctctgtt ccacccctaa gcagtggcag tggtagccgc tgccgcctt ccctgcgcag 300
 141 tgggggtt gtcgtatgtt acatccgcgc tggtagccgc cgtttttac acaccatcg 360
 143 cggacttagac accgttgggtt gcagcgtatggt cgtctatgtt agcagctgcg ggcacccgc 420
 145 tggtagccgc ttactacatg ttagttcgtt caaccacccctt gccaataaccg gtgtccctt 480
 147 ctccaaactt gtcgttca ggcgcag 507

VERIFICATION SUMMARY

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date